

CATALOG No. 304 SUPPLEMENT No. 2

WILLIAMS'

1/4 Inch SQ. DRIVE SUPERSOCKETS®

SELECTED ALLOY STEEL



REGULAR 6-POINT SOCKETS

Opening	No.	Nose Diam.	Length	Wgt. Ea.
5/16	M-610	29/64	27/32	.02
11/32	M-611	31/64	27/32	.03
3/8	M-612	33/64	27/32	.03
7/16	M-614	39/64	27/32	.04
1/2	M-616	43/64	27/32	.05

REGULAR 12-POINT SOCKET

Opening	No.	Nose Diam.	Length	Wgt. Ea.
1/4	M-1208	23/64	27/32	.02

EXTRA DEEP 6-POINT SOCKETS

Opening	No.	Nose Diam.	Length	Wgt. Ea.
5/16	MD-610	29/64	2	.04
11/32	MD-611	31/64	2	.05
3/8	MD-612	33/64	2	.06
7/16	MD-614	39/64	2	.08
1/2	MD-616	43/64	2	.09

HOLLOW SCREW SOCKET BITS



Hex Plug Size	No.	For Hollow Screws		Weight Each
		Set Screw	Cap Screw	
1/8	AM-604	1/4	No. 8	.03
5/32	AM-605	5/16	10 & 12	.03
3/16	AM-606	3/8	1/4	.03
7/32	AM-607	7/16	5/16	.03

HEX BIT SOCKETS WITH BITS



Bit Size	No.	Overall Length	Drive End Diam.	Weight Each
3/32	MA-3	1-5/8	13/16	.10
1/8	MA-4	1-11/16	13/16	.11
5/32	MA-5	1-11/16	13/16	.11
3/16	MA-6	1-11/16	13/16	.13
7/32	MA-7	1-11/16	13/16	.13
5/16	MA-10	2	15/16	.16

WILLIAMS'

3/8 Inch SQ. DRIVE SUPERSOCKETS®

SELECTED ALLOY STEEL

RATCHET SPINNER and 24 INCH EXTENSION BAR



No.	Description	Wgt. Ea.
B-70	Ratchet Spinner. Place between ratchet and socket for fast spinning of nuts by hand. 1-5/16 dia.	.16
B-124	Extension Bar, 24" long	1.

REGULAR 12-POINT SOCKET

Opening	No.	Nose Diam.	Length	Wgt. Ea.
1/4	B-1208	23/64	15/16	.04

EXTRA DEEP 6-POINT SOCKET

Opening	No.	Nose Diam.	Length	Wgt. Ea.
7/8	BD-628	1-9/64	2-13/16	.35

HOLLOW SCREW SOCKET BITS



Hex Plug Size	No.	For Hollow Screws		Weight Each
		Set Screw	Cap Screw	
1/4	AB-608	1/2 & 9/16		.06
5/16	AB-610	5/8	3/8 & 7/16	.06

WILLIAMS'

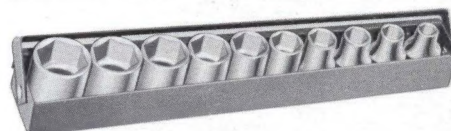
3/8 Inch SQ. DRIVE SUPERSOCKETS®

(CONTINUED)

HEX SOCKET BITS



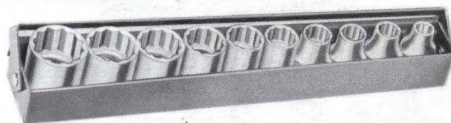
Bit Size	No.	Overall Length	Drive End Diam.	Weight Each
3/32	BA-3	1-13/16	15/16	.15
1/8	BA-4	1-7/8	15/16	.15
5/32	BA-5	1-7/8	15/16	.15
3/16	BA-6	1-7/8	15/16	.20
7/32	BA-7	1-7/8	15/16	.20
1/4	BA-8	2	15/16	.20
5/16	BA-10	2	15/16	.21
3/8	BA-12	2-1/8	15/16	.23



SET No. B-8 10 REG. 6-POINT SOCKETS in TT-3 Tray

Total Weight, 1 lb.
CONTENTS

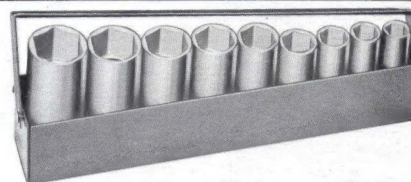
No.	Description	No.	Description
B-608	1/4" 6 Pt. Socket	B-616	1/2" 6 Pt. Socket
B-610	5/16" 6 Pt. Socket	B-618	9/16" 6 Pt. Socket
B-611	11/32" 6 Pt. Socket	B-620	5/8" 6 Pt. Socket
B-612	3/8" 6 Pt. Socket	B-622	11/16" 6 Pt. Socket
B-614	7/16" 6 Pt. Socket	B-624	3/4" 6 Pt. Socket



SET No. B-9 10 REG. 12-PT. SOCKETS in TT-3 Tray

Total Weight, .94 lbs.
CONTENTS

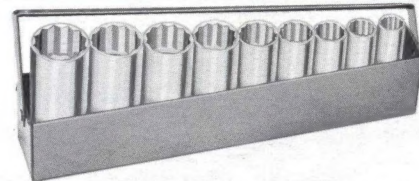
No.	Description	No.	Description
B-1208	1/4" 12 Pt. Socket	B-1216	1/2" 12 Pt. Socket
B-1210	5/16" 12 Pt. Socket	B-1218	9/16" 12 Pt. Socket
B-1211	11/32" 12 Pt. Socket	B-1220	5/8" 12 Pt. Socket
B-1212	3/8" 12 Pt. Socket	B-1222	11/16" 12 Pt. Socket
B-1214	7/16" 12 Pt. Socket	B-1224	3/4" 12 Pt. Socket



SET No. B-11 9 DEEP 6-PT. SOCKETS in TT-4 Tray

Total Weight, 2.2 lbs.
CONTENTS

No.	Descrip.	No.	Descrip.	No.	Descrip.
BD-612	3/8" 6 Pt.	BD-618	9/16" 6 Pt.	BD-624	3/4" 6 Pt.
BD-614	7/16" 6 Pt.	BD-620	5/8" 6 Pt.	BD-626	13/16" 6 Pt.
BD-616	1/2" 6 Pt.	BD-622	11/16" 6 Pt.	BD-628	7/8" 6 Pt.



SET No. B-12 9 DEEP 12-PT. SOCKETS in TT-4 Tray

Total Weight, 2 lbs.
CONTENTS

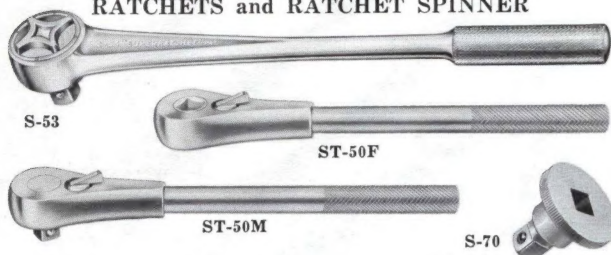
No.	Descrip.	No.	Descrip.	No.	Descrip.
BD-1212	3/8" 12 Pt.	BD-1218	9/16" 12 Pt.	BD-1224	3/4" 12 Pt.
BD-1214	7/16" 12 Pt.	BD-1220	5/8" 12 Pt.	BD-1226	13/16" 12 Pt.
BD-1216	1/2" 12 Pt.	BD-1222	11/16" 12 Pt.	BD-1228	7/8" 12 Pt.

WILLIAMS'

1/2 Inch SQ. DRIVE SUPERSOCKETS®

SELECTED ALLOY STEEL

RATCHETS and RATCHET SPINNER



No.	Description	Wgt. Ea.
S-53	Reversible Ratchet — Same smooth action as S-52. 15 inch length for added leverage.....	1.6
S-70	Ratchet Spinner. Use between ratchet and socket to spin nuts fast by hand without removing ratchet handle. Diameter, 1-3/4".....	.3
ST-50F	Reversible Ratchet with 1/2" female drive head. 10-1/2" long. Other lengths to order	1.6
ST-50M	Reversible Ratchet with 1/2" male drive head 10-1/2" long. Other lengths on special order	1.7

HOLLOW SCREW SOCKET BITS

Hex Plug Size	No.	For Hollow Screws		Weight Each
		Set Screw	Cap Screw	
3/8	AS-612	3/4	1/2 & 9/16	.11
1/2	AS-616	7/8	5/8	.13
9/16	AS-618	1 & 1-1/8	3/4 & 7/8	.15
5/8	AS-620	1-1/4 & 1-3/8	1	.15

HEX BIT SOCKETS WITH BITS

Bit Size	No.	Overall Length	Drive End Diam.	Weight Each
1/4	SA-8	2-1/4	1-3/16	.39
5/16	SA-10	2-1/4	1-3/16	.39
3/8	SA-12	2-3/8	1-3/16	.41
1/2	SA-16	2-3/8	1-3/16	.43
9/16	SA-18	2-1/2	1-3/16	.45
5/8	SA-20	2-1/2	1-3/16	.47

**PAS-52 RATCHET REPAIR KIT**
For S-52 and S-53 RATCHETS

Total Weight, 1.5 lbs.

Contains 5 each S-52G Glands, S-52RU Replacement Units and one 420-R2 Spanner Wrench.

INDIVIDUAL PARTS for S-52 and S-53 RATCHETS

No.	Description	Wgt. Ea.
S-52G	Gland02
S-52RU	Replacement Unit25
420-R2	Spanner Wrench17

3/4 Inch SQ. DRIVE SUPERSOCKETS®

SELECTED ALLOY STEEL

EXTRA DEEP 12-POINT SOCKETS

Opening	No.	Nose Diam.	Length	Wgt. Ea.
1	HD-1232	1-7/16	3-1/4	.78
1-1/2	HD-1248	2-3/64	3-1/2	1.8

WILLIAMS'

1/2 Inch SQ. DRIVE SUPERSOCKETS®

SELECTED ALLOY STEEL



SET No. S-14 15 REG. 6-PT. SOCKETS in TT-5 Tray

Total Weight, 4.6 lbs.

CONTENTS * 12-Point

No.	Descrip.	No.	Descrip.	No.	Descrip.
ST-612	3/8 6 Pt.	ST-620	5/8 6 Pt.	ST-630	15/16 6 Pt.
ST-614	7/16 6 Pt.	ST-622	11/16 6 Pt.	ST-632	1 6 Pt.
ST-616	1/2 6 Pt.	ST-624	3/4 6 Pt.	*ST-1234	1-1/16 12 Pt.
ST-618	9/16 6 Pt.	ST-626	13/16 6 Pt.	*ST-1236	1-1/8 12 Pt.
ST-619	19/32 6 Pt.	ST-628	7/8 6 Pt.	*ST-1240	1-1/4 12 Pt.



SET No. S-16 15 REG. 12-PT. SOCKETS in TT-5 Tray

Total Weight, 4.5 lbs.

CONTENTS

No.	Descrip.	No.	Descrip.	No.	Descrip.
ST-1212	3/8 12 Pt.	ST-1220	5/8 12 Pt.	ST-1230	15/16 12 Pt.
ST-1214	7/16 12 Pt.	ST-1222	11/16 12 Pt.	ST-1232	1 12 Pt.
ST-1216	1/2 12 Pt.	ST-1224	3/4 12 Pt.	ST-1234	1-1/16 12 Pt.
ST-1218	9/16 12 Pt.	ST-1226	13/16 12 Pt.	ST-1236	1-1/8 12 Pt.
ST-1219	19/32 12 Pt.	ST-1228	7/8 12 Pt.	ST-1240	1-1/4 12 Pt.

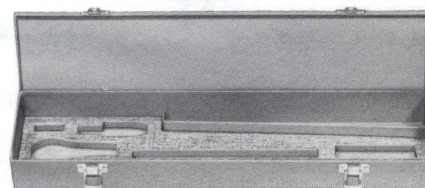


SET No. S-18 11 DEEP 12-PT. SOCKETS in TT-6 Tray

Total Weight, 5.4 lbs.

CONTENTS

No.	Descrip.	No.	Descrip.	No.	Descrip.
SD-1216	1/2 12 Pt.	SD-1224	3/4 12 Pt.	SD-1232	1 12 Pt.
SD-1218	9/16 12 Pt.	SD-1226	13/16 12 Pt.	SD-1234	1-1/16 12 Pt.
SD-1220	5/8 12 Pt.	SD-1228	7/8 12 Pt.	SD-1236	1-1/8 12 Pt.
SD-1222	11/16 12 Pt.	SD-1230	15/16 12 Pt.		



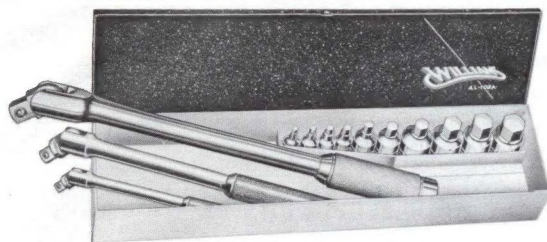
No. SP-1 COMBO SET — 18 Tools in Metal Case

Total Weight, 8.1 lbs.

With 7 drive parts and 11 sockets virtually hundreds of wrench combinations are possible. Excellent for maintenance.

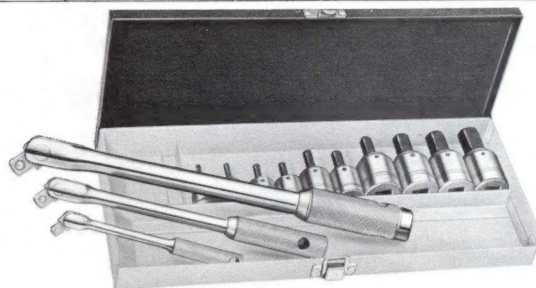
No.	Description	No.	Description
ST-20	Tee Bar	ST-1216	1/4 12 Pt. Socket
ST-40	Flex Head	ST-1218	9/16 12 Pt. Socket
ST-50	Ratchet Head	ST-1220	5/8 12 Pt. Socket
ST-70	Grip	ST-1222	11/16 12 Pt. Socket
ST-105	Extension, 5"	ST-1224	3/4 12 Pt. Socket
ST-108	Extension, 8"	ST-1226	13/16 12 Pt. Socket
ST-150	Plug Connector	ST-1228	7/8 12 Pt. Socket
ST-1212	3/8 12 Pt. Socket	ST-1230	15/16 12 Pt. Socket
ST-1214	7/16 12 Pt. Socket	ST-1232	1 12 Pt. Socket

WILLIAMS' HEX BIT SOCKET SETS



SET No. AL-102A in Metal Case
Total Weight, 4.9 lbs.
CONTENTS

No.	Description	No.	Description
M-42	1/4" Dr. Flex Handle	AB-608	1/4 Hex Bit, 3/8 Dr.
B-40	3/8" Dr. Flex Handle	AB-610	5/16 Hex Bit, 3/8 Dr.
S-40	1/2" Dr. Flex Handle	AS-612	3/8 Hex Bit, 1/2 Dr.
AM-604	1/8 Hex Bit, 1/4 Dr.	AS-616	1/2 Hex Bit, 1/2 Dr.
AM-605	5/32 Hex Bit, 1/4 Dr.	AS-618	9/16 Hex Bit, 1/2 Dr.
AM-606	3/16 Hex Bit, 1/4 Dr.	AS-620	5/8 Hex Bit, 1/2 Dr.
AM-607	7/32 Hex Bit, 1/4 Dr.		

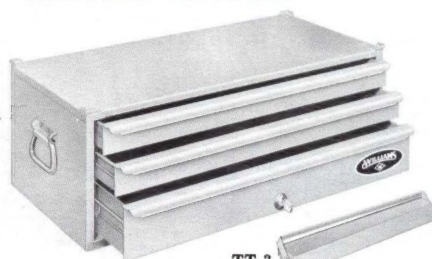


SET No. AL-102B in Metal Case
Total Weight, 6.8 lbs.
CONTENTS

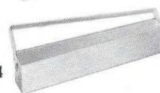
No.	Description	No.	Description
M-42	1/4" Dr. Flex Handle	BA-8	1/4 Hex Bit, 3/8 Dr.
B-40	3/8" Dr. Flex Handle	BA-10	5/16 Hex Bit, 3/8 Dr.
S-40	1/2" Dr. Flex Handle	SA-12	3/8 Hex Bit, 1/2 Dr.
MA-4	1/8 Hex Bit, 1/4 Dr.	SA-16	1/2 Hex Bit, 1/2 Dr.
MA-5	5/32 Hex Bit, 1/4 Dr.	SA-18	9/16 Hex Bit, 1/2 Dr.
MA-6	3/16 Hex Bit, 1/4 Dr.	SA-20	5/8 Hex Bit, 1/2 Dr.
MA-7	7/32 Hex Bit, 1/4 Dr.		

METAL CASES

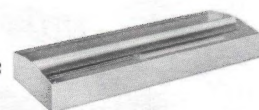
MC-3001A



TT-3



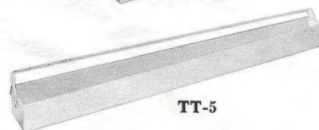
TT-2



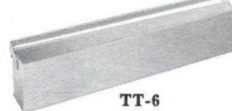
TT-4



TT-5



TT-6



No.	Width	Depth	Hgt.	Description	Wgt. Ea.
MC-3001A	25-7/8	12-1/8	8-3/4	3 Drawers, fits under 2001A	29.8
TT-2	18-1/2	7-1/2	2	Fits 1001A and 2001A Chests	3.
TT-3	7-5/8		3/4	Use for B-8 and B-9 Sets	.25
TT-4	7-7/8		1-1/2	Use for B-11 and B-12 Sets	.41
TT-5	16-7/8		1-1/4	Use for S-14 and S-16 Sets	.75
TT-6	12-7/16		2-1/2	Use for S-18 Set	.84

WILLIAMS' HEX, SLOTTED and PHILLIPS SCREW BITS

SLOTTED SCREW BITS



No.	Tip Width	Tip Thick.	Length	Wgt. Ea.
AS-1	3/16	.032	1-1/2	.03
AS-2	7/32	.040	1-1/2	.03
AS-3	9/32	.045	1-1/2	.03
AS-4	5/16	.055	1-1/2	.03

PHILLIPS SCREW BITS



No.	Bit Size	Length	Wgt. Ea.
AP-1	No. 1	1-1/4	.03
AP-2	No. 2	1-1/4	.03
AP-3	No. 3	1-1/4	.03
AP-4	No. 4	1-1/4	.03

SHORT HEX BITS



No.	Hex Size	Length	Wgt. Ea.
A-3	3/32	1-1/16	.003
A-4	1/8	1-1/8	.006
A-5	5/32	1-1/8	.01
A-6	3/16	1-1/8	.01
A-7	7/32	1-1/8	.01
A-8	1/4	1-1/4	.02
A-10	5/16	1-1/4	.03
A-12	3/8	1-3/8	.05
A-16	1/2	1-3/8	.09
A-18	9/16	1-1/2	.12
A-20	5/8	1-1/2	.14

LONG HEX BITS

No.	Hex Size	Length	Wgt. Ea.
A-3L	3/32	2-1/8	.006
A-4L	1/8	3	.01
A-5L	5/32	3	.02
A-6L	3/16	3	.03
A-7L	7/32	3	.04
A-8L	1/4	4	.06
A-10L	5/16	4	.10
A-12L	3/8	5	.18
A-16L	1/2	5	.31
A-18L	9/16	6	.46
A-20L	5/8	6	.58

POWER DRIVE-UNIVERSAL JOINTS

INDUSTRIAL BLACK FINISH



Maximum operating range 55° included angle. All have Ball Type Connectors with cross holes on both sides of the Female End.

The 3/8, 1/2 and 5/8 inch drives have Spring Plunger on Male End. The 3/4 and 1 inch drives have cross hole on Male End.

No.	Square Drive Size	Length	Outside Diameter	Weight Each
2-140	3/8	1-23/32	7/8	.16
4-140	1/2	2-5/16	1-1/8	.36
5-140	5/8	2-5/8	1-1/2	.75
6-140	3/4	3-5/16	1-3/4	1.3
7-140	1	4-3/8	2-3/8	2.9

OPEN END-BOX SUPERRENCHES®

SELECTED ALLOY STEEL

SHORT SERIES COMBINATION — 15° ANGLE



These short series combination Superrenches® offer unusual versatility where clearances are extremely limited. Carefully heat-treated, polished head faces, fully chrome-plated.

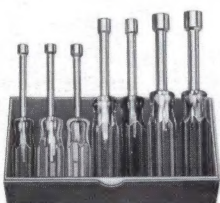
No.	Openings	Open Head		Box Head		Lgth.	Wgt. Ea.
		Width	Thick.	Diam.	Thick.		
S-1159	5/16 & 5/16	43/64	3/16	33/64	7/32	4-5/8	.05
S-1160	3/8 & 3/8	51/64	13/64	37/64	1/4	5-1/16	.08
S-1161	7/16 & 7/16	29/32	7/32	21/32	5/16	5-3/8	.10
S-1162	1/2 & 1/2	1-1/32	1/4	47/64	21/64	5-13/16	.14
S-1163	9/16 & 9/16	1-5/32	9/32	53/64	11/32	6-1/8	.17
S-1164	5/8 & 5/8	1-9/32	19/64	59/64	3/8	6-1/2	.23
S-1165	11/16 & 11/16	1-13/32	5/16	1-1/4	13/32	6-3/4	.27
S-1166	3/4 & 3/4	1-17/32	11/32	1-3/8	7/16	7	.33

WILLIAMS'
NUT DRIVERS

These hollow-shaft nut drivers have hex openings. Shafts are plated and solidly anchored in color-coded plastic handles that are approved by Underwriters Laboratory.

Opening	No.	Handle Color	Length	Wgt. Ea.
3/16	HND-6	Black	6	.13
7/32	HND-7	Brown	6	.13
1/4	HND-8	Red	6	.13
9/32	HND-9	Orange	6	.13
5/16	HND-10	Amber	7	.19
11/32	HND-11	Green	7	.19
3/8	HND-12	Blue	7	.19
7/16	HND-14	Brown	7	.21
1/2	HND-16	Red	7	.22
9/16	HND-18	Orange	7	.23
5/8	HND-20	Amber	7	.27

SET
No. NDS-7
7 Nut Drivers
in
Cardboard
Box
Weight, 1.4 lbs.



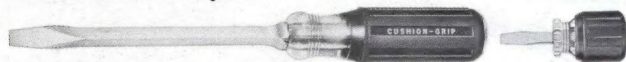
SET
No. NDS-11
11 Nut Drivers
in
Cardboard
Box
Weight, 2.1 lbs.

Set No. NDS-7	Set No. NDS-11	Description
	HND-6	3/16" Nut Driver, 6" long
	HND-7	7/32" Nut Driver, 6" long
HND-8	HND-8	1/4" Nut Driver, 6" long
HND-9	HND-9	9/32" Nut Driver, 6" long
HND-10	HND-10	5/16" Nut Driver, 7" long
HND-11	HND-11	11/32" Nut Driver, 7" long
HND-12	HND-12	3/8" Nut Driver, 7" long
HND-14	HND-14	7/16" Nut Driver, 7" long
HND-16	HND-16	1/2" Nut Driver, 7" long
	HND-18	9/16" Nut Driver, 7" long
	HND-20	5/8" Nut Driver, 7" long

SCREW DRIVERS
REGULAR ROUND BLADE

No.	Blade Lgth.	Stock Size	Tip Width	Wgt. Ea.
30	10	3/8	3/8	.58

REGULAR SQUARE BLADE CUSHION GRIP



No.	Blade Lgth.	Stock Size	Tip Width	Wgt. Ea.
4G	4	1/4	1/4	.19
6G	6	5/16	5/16	.38
8G	8	3/8	3/8	.59
62G	1-1/4	1/4	1/4	.14

REGULAR ROUND BLADE CUSHION GRIP



No.	Blade Lgth.	Stock Size	Tip Width	Wgt. Ea.
24G	4	1/4	1/4	.19
26G	6	5/16	5/16	.33
28G	8	3/8	3/8	.53
30G	10	3/8	3/8	.58
32G	12	3/8	3/8	.66

ELECTRICIANS' CUSHION GRIP



No.	Blade Lgth.	Stock Size	Tip Width	Wgt. Ea.
43G	3	3/16	3/16	.09
46G	6	3/16	3/16	.14
50G	10	3/16	3/16	.17

PHILLIPS CUSHION GRIP



No.	For Screws	Blade Lgth.	Stock Size	Wgt. Ea.
TP-1G	4 and Smaller	3	3/16	.06
TP-2G	5 to 9 Inclusive	4	1/4	.19
TP-3G	10 to 16 Inclusive	6	5/16	.31
TP-62G	5 to 9 Inclusive	1-1/4	1/4	.09

WILLIAMS'
GROUND TOOL CUTTERS

No.	Cutter Size	Fits Holders Nos.	Wgt.
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HIGH SPEED SQUARE TOOL BITS

2384	7/8 x 7/8 x 6		1.3
2385	1 x 1 x 7		2.

COBALT HIGH SPEED SQUARE TOOL BITS

2396	7/8 x 7/8 x 6		1.3
2397	1 x 1 x 7		2.



No.	Blade Size	Fits Holders Nos.	Wgt.
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HIGH SPEED CUTTING-OFF BLADES

2417	1/4 x 1-3/8 x 7		.54
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COBALT HIGH SPEED CUTTING-OFF BLADES

2540	3/32 x 1/2 x 4-1/2	19, 29-R, 29-L	.05
2541	3/32 x 5/8 x 5	20, 30-R, S-30RA { 2020-R, 2020-S S-20, S-30R	.06
2542	1/8 x 3/4 x 5	21, 31-R, S-21, S-31-R, S-31-L	.10
2543	1/8 x 7/8 x 6	22, 32-R, S-22, S-32-R, S-32-L	.15
2544	3/16 x 1 x 6-1/2	23, 33-R, S-23, S-33-R, S-33-L	.27
2545	3/16 x 1-1/8 x 7	24, 34-R, S-24, S-34-R, S-34-L	.33
2546	1/4 x 1-1/8 x 7	25, 35-R, 35-L	.46
2547	1/4 x 1-3/8 x 7		.54



No.	Cutter Size	Fits Holders Nos.	Wgt.
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HIGH SPEED RECTANGULAR BITS

2701	1/4 x 3/8 x 2-1/2	40	.08
2704	1/4 x 1/2 x 6		.22
2706	5/16 x 7/16 x 3	401	.13
2708	3/8 x 1/2 x 3	41	.17
2710	3/8 x 1/2 x 6	41	.33
2711	3/8 x 5/8 x 4		.27
2714	3/8 x 3/4 x 4		.33
2718	1/2 x 3/4 x 4	42	.44
2719	1/2 x 3/4 x 6	42	.65
2722	5/8 x 7/8 x 6	43	.94
2723	3/4 x 1 x 6	44	1.3
2724	7/8 x 1-1/8 x 7	45	2.0

COBALT HIGH SPEED RECTANGULAR BITS

2731	1/4 x 3/8 x 2-1/2	40	.08
2734	1/4 x 1/2 x 6		.22
2736	5/16 x 7/16 x 3	401	.13
2738	3/8 x 1/2 x 3	41	.17
2740	3/8 x 1/2 x 6	41	.33
2741	3/8 x 5/8 x 4		.27
2744	3/8 x 3/4 x 4		.33
2748	1/2 x 3/4 x 4	42	.44
2749	1/2 x 3/4 x 6	42	.65
2752	5/8 x 7/8 x 6	43	.94
2753	3/4 x 1 x 6	44	1.3
2754	7/8 x 1-1/8 x 7	45	2.0

HARMONIC BALANCER PULLER

No. 189-A

Total Weight, 2.8 lbs.

This puller is designed to pull balancers, vibration dampers and gears with tapped holes. The four slots in the yoke allow use of this tool in either two or three hole applications. Swivel design provides for full floating action thus preventing damage to the shaft ends. Each puller is finished in contrasting cadmium plate and black oxide and is individually packaged.



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